



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3186

SERIAL NUMBER 10/729,674	FILING DATE 12/05/2003  RULE	CLASS 455	GROUP ART UNIT 2685	ATTORNEY DOCKET NO.
-----------------------------	---------------------------------------	--------------	------------------------	------------------------

## APPLICANTS

David H. Shen, Saratoga, CA;

## \*\* CONTINUING DATA \*\*\*\*\*

This appln claims benefit of 60/431,977 12/10/2002 *nvo*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

*none nvo*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 03/09/2004

\*\* SMALL ENTITY \*\*

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 4	TOTAL CLAIMS 17	INDEPENDENT CLAIMS 1
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials				

## ADDRESS

DAVID H. SHEN  
 IRF Semiconductor, Inc.  
 6 RESULTS WAY  
 CUPERTINO, CA  
 95014

## TITLE

Tunable multi-band receiver by on-chip selectable filtering

FILING FEE  RECEIVED 385	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____
-----------------------------------	---	--